

#### AMENDMENT TO ABSTRACT

Briefly, a system that may facilitate system and line loop back diagnostic operations. In one possible implementation, a first transceiver may transmit test signals to a second transceiver. The second transceiver may include a transmitter with the capability to reduce jitter in received test signals prior to transmission of received test signals back to the first transceiver. The first transceiver may determine path integrity characteristics based on the test signals transmitted from the second transceiver.